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Capital Improvement Program

As the City of Round Rock looks to the future, City leaders and staff envision a community that has planned for growth and development and provides its citizens with quality services and programs. Based on the 2000 census, the City of Round Rock is the 9th fastest growing city in the U.S. and the fastest growing city in the nation with a population over 25,000. As one of the fastest growing cities in the U.S., the City of Round Rock must meet the challenges of growth by providing adequate capital improvements for the citizens of Round Rock. Capital improvement projects are a major component in planning for the future of the City.

The backbone of any community comes from its infrastructure – a City cannot sustain growth without adequate public facilities and transportation and utility systems. The City's capital improvement program plays a major role in how the City will function in the future as a sustainable community. Many of these improvement projects have a significant impact on the City's plans to stimulate growth in the local economy.

The City of Round Rock has systematically developed the Capital Improvement Program (CIP) using the City's Strategic Goals as a starting point. The Strategic Goals form the policy basis for preparing the City's master planning documents. The master planning documents provide near-term planning horizons for selecting projects to be included in the multi-year CIP, which is a minimum of five years in length. Project management tools and sound business practices establish well-defined project requirements, schedules and cost estimates for properly planning and executing the CIP. These tools and practices also include project reporting during the execution and over the useful life of the improvement.

Strategic Planning

The City approaches its planning and operations strategically. Goals for the City and its operating departments are developed in relation to the City's Strategic Plan and provide a common vision for where the City's efforts and resources are to be directed over the next five years and beyond. The City's goals, developed within the Strategic Plan, provide direction for developing the Capital Improvement Program. Specific goals relating to capital improvements include:

Goal #2	Review the General Plan with emphasis on the Northeast Quadrant of the city to provide for educational, business, residential and retail uses.
2.1	Develop a plan to identify future land uses, major transportation routes, utility requirements and a comprehensive park system for the Northeast Quadrant.
Goal #3	Improve the image and appearance of Round Rock.
3.4	Develop a corridor beautification plan for arterials, including significant entryways. This addresses "edges."
Goal #4	Plan and facilitate the City's transportation systems, at the local and regional level, to improve traffic flow and personal mobility.
4.1	Plan the City's transportation systems.
4.2	Implement transportation projects and systems.
4.3	Maintain and operate City's transportation systems.
4.4	Protect the function of the city's arterial roadway system by adopting land use and access policies that concentrate high intensity land uses, minimize strip development, and limit direct driveway access and curb cuts along major roadways.

Strategic Planning (cont.)

Goal #5	Plan and implement effective and efficient services within the City's financial capacity to meet the needs of residents, customers and employees.
5.1	Ensure city services, facilities and equipment meet the needs of residents, customers and employees through the development of annual departmental goals, objectives and strategic budgeting.
5.3	Provide a safe environment by promoting a high quality, cost efficient public safety program.
5.4	Provide a high quality, cost efficient public water and wastewater utility system that complies with all applicable state and federal standards and regulations.
5.6	Establish partnerships among the City, other local governments, local businesses and social service providers to address regional issues and provide improved services.

Master Planning

With the Strategic Goals as the policy direction, the City of Round Rock uses a comprehensive approach to master planning. Planning is driven by the demand of the community, which is created by the growth and development of the City. The City is committed to providing outstanding service by supporting and promoting growth and economic development in the community.

The master planning environment includes assessing the needs of the community through citizen and customer surveys, researching technological innovation, demographic trend analysis and observation of other factors affecting the community, assessing the needs of each City department for its area of responsibility, and making informed assumptions concerning the community's general needs for an ultimate growth scenario. Ultimate growth is based on the total development of land within the present city limits and the extra territorial jurisdiction (ETJ). Once compiled, this needs assessment is combined with the City Council's direction and staff's view of the City's business purpose to provide a foundation for master planning, and this guides the City's efforts for up to 50 years into the future.

Typically, the City will update its planning documents every ten years with a major amendment at the five-year midpoint. To keep pace with development and growth, the City will make additional amendments to the plans on an as needed basis. The updates and amendments are presented to the public in formal hearings and the City Council adopts the changes by ordinance. The planning documents include a:

- General Plan
- Comprehensive Transportation Master Plan – Planning horizons of 2010, 2020 and ultimate build out.
- Water Master Plan – Planning horizons of 10 and 20 years and ultimate build out for infrastructure and beyond 30 years for water reserves.
- Wastewater Master Plan – Planning horizon of 10 years and ultimate build out.
- Parks and Open Space Plan – Planning horizon of five years and ultimate build out.
- Citywide Trails Master Plan – Planning horizon of ultimate build out.

As planning has become a critical component of the City's work structure, staff continually look for new and innovative ways to combine sound solutions with the clear and consistent business principles that meet the ever-changing needs of the citizens -- thus allowing the City to create a sound business plan and roadmap for the City's future.

Project Selection

Round Rock's capital improvement project selection process is systematic and deliberate. Typically, the steps are:

- 1. Defining eligible projects.** The master planning process and documents provide potential projects to be included in the multiyear Capital Improvement Program (CIP), which is a minimum of five years in length. Round Rock also uses a general definition for eligible projects as items generally costing greater than \$50,000, provides a fixed asset or equipment and has a life span of at least five years. Some common examples of capital improvements include streets and arterial roadways, public libraries, water and wastewater lines, and park and recreation facilities.
- 2. Developing a priority ranking system.** The master planning process and documents establish near-term planning horizons for initially ranking capital improvement projects. City staff determines the timing, cost and priorities for each individual project to further refine project ranking, which is coordinated with the City Manager to aid in translating Council priorities into project priorities. The ranking process then begins a formal process, which may include public hearings, and consideration or approval by a board, citizen task force and/or City Council. In the case of a general obligation bond, approval must be obtained from the voters.
- 3. Identifying, assessing and coordinating potential funding sources.** Key elements of developing, assessing and coordinating potential internal and external funding sources is identifying the funding sources, assessing the City's financial condition and its ability to service existing and new debt and coordinating the best source of funds for needed capital improvements. This evaluation process is performed by the Director of Finance and is used to provide the foundation for the proposed CIP.
- 4. Preparing the Spending Plan.** Based on the prioritized list of needed improvements and the assessment of sources and availability of funding, the CIP spending plan is prepared. The plan identifies the capital improvements that are programmed (to be constructed) in the next fiscal year. After preparation, the CIP spending plan is presented to the government body for ratification, and becomes the official and legal policy of the City. The approved funding plan is the authority required for City staff to execute projects.

Project Management

The City of Round Rock strives to execute projects that meet the needs of the citizens within schedule and cost constraints. To achieve these objectives, City staff uses a comprehensive method for managing projects, which begins during the master planning process and continues through project close out.

The project management process starts with translating the needs of the citizens and the City into the project's technical requirements or scope. With the scope established, a preliminary project cost estimate, a reasonable schedule and an annual operating cost estimate are developed. The estimates and schedules are used as a key element in the priority ranking process. Developing annual operating cost estimates is not only critical in evaluating the project during the ranking process, but it provides important information, such as personnel requirements, maintenance costs, etc., which is used to plan and develop future budgets.

As the project transitions from planning into execution, City staff actively manages the project by monitoring the project scope to prevent scope changes during the project and refining the scope, if needed, to adjust for unforeseen challenges. The cost estimates and schedules developed during the planning process are also refined and adjusted as the project moves through the design process, so accurate cash flows are available for determining the timing and size of expenditures. In the case of general obligation bonds, accurate timing and size of the issuance can reduce issuance costs and the net ad valorem tax impact to property owners.

The City of Round Rock is constantly striving to improve the Capital Improvement Program by implementing best practices for project management. In the future, the City will continue to diligently manage the CIP to enhance the quality of life for the citizens of Round Rock and keep projects on time and within budget.

Capital Projects Funds Expenditures

Capital Improvement Program

Project Reporting

The City of Round Rock considers external and internal communication as an important element of good government and good project management. Throughout the Capital Improvement Program process, City staff maintains open lines of communication with the public, the City Council, the City Manager and the City Directors through the use of public meetings, presentations, progress and status reports and the Capital Improvement Program web pages. Project managers are also readily available to address any issues or challenges that may occur during project execution. Regularly scheduled reporting cycles require the project managers to continuously monitor project progress/status and result in a reduction in unexpected delays.

Future Project Operating Costs

As mentioned previously, annual operating cost estimates are developed by the project manager during the master planning process and are used as an important element in ranking project priority. Annual operating costs can include personnel, scheduled repair and maintenance and utilities in the case of buildings. To prepare for the future and avoid shortfalls, the City uses the annual operating cost estimates to plan and develop future budgets. If practical, the City will establish new programs tailored specifically to repair and maintain similar capital improvements, like streets and utilities. One such program is the annual Street Maintenance Program, which was established to improve the integrity and service life of the existing City's streets using sealcoat, crack seal and overlay. A pavement management system has been established to protect the City's investment in the approximate 1,028 lane-mile street system. The objective of the City's pavement management system is to provide serviceable streets in the most cost-effective way possible. To meet this goal, the street conditions are surveyed and then combined with the data on the streets' maintenance history, original design, and traffic uses. This information is used to determine whether maintenance is needed and what type of resurfacing is appropriate. The annual project typically encompasses approximately one-eighth of the lane miles of asphalt concrete paving. The amount of lane miles increases annually due to the construction of new roads and streets and development of subdivisions and commercial properties.

Five-Year Capital Improvement Program Project Summary

The Capital Improvement Program (CIP) is a multiyear plan covering a minimum of five years that forecasts spending for all anticipated capital projects. The plan addresses repair and replacement of existing infrastructure, as well as the development or acquisition of new facilities, property, improvements and capital equipment to accommodate future growth. As a planning tool, it enables the City to identify needed capital projects and coordinate facility financing, construction, operation and scheduling. The Capital Improvement Program encompasses three distinct components.

General Government - These projects include municipal facilities, parks and park improvements, sidewalks, landscaping, traffic signals, street, regional detention, drainage improvements, public safety capital equipment and facilities. Projects in this component are funded from general government resources such as property tax, sales tax and the issuance of authorized bonds. Regional detention projects are primarily funded through developer fees.

Transportation - In August 1997, the Citizens of Round Rock authorized the adoption of an additional sales and use tax within the City at the rate of one-half of one percent, with the proceeds thereof to be used for arterial roadways and other related transportation system improvements. The additional revenue is not part of the City's general operating budget but is budgeted and spent by a non-profit economic development corporation established expressly for the above purpose with the approval of the Round Rock City Council. Since 1998, the Round Rock Transportation System Development Corporation (RRTSDC) and the City have utilized the sales tax revenue to leverage other sources of funding and maximize the number of transportation projects in the City of Round Rock.

Water and Wastewater Utility - These projects are major water and wastewater repairs, replacements and the development or acquisition of new facilities. Water and wastewater utility projects are funded from the sale of water and wastewater services, utility impact fees and the issuance of revenue bonds.

Five-Year Capital Improvement Program Project Summary (cont.)

General Government

The General Government component includes projects in the categories of public service facilities, park projects and park improvements, sidewalks, landscaping, traffic signals, street and drainage improvements, public safety capital equipment and facilities. Funding for general government projects is derived from general government resources such as property tax, sales tax, issuance of authorized bonds and developer fees.

Public Service Facilities

- Business Center Complex
- City Hall Policy Center
- Southwest Downtown Area Infrastructure Improvements
- Public Works Master Plan
- Vehicle Maintenance Expansion
- Downtown Redevelopment Plan
- City Gateway Entrances
- Library Radio Frequency ID System
- Citywide Strategic Plan Phase Two

These projects address a rapidly increasing need for public service facilities as the City's population grows and quality of life expectations increase. City staff will grow with these expectations. Planned municipal facilities include the Business Center Complex and the City Hall Policy Center, which will provide the unique and specific requirements of a city. The Downtown Redevelopment Plan will be addressing integrated land use, transportation and economic issues. City Gateway Entrances will provide for a community entry sign along IH35. The City Library will begin to implement the radio frequency ID system which allows books to be "tagged" for increased efficiency and friendliness on an automated self check out/in system. The system also secures books against theft.

The Southwest Downtown Area Infrastructure Improvements provide the capacity for the City to contain a 13-acre municipal office campus, a trailhead park and greenbelt along Lake Creek, and potentially more commercial and residential use in the downtown area. Improvements consist of streets, sidewalks, drainage, utilities and streetscapes.

Information Technology

- Fiber Optic Networking
- Information Technology Assessment
- Financial Information Services

The Fiber Optic Networking project will cover the construction of lateral connections from various City facilities to the RRISD ring system. It will also provide the equipment necessary to light the connections for use in the data/telecommunications network system serving the City. The City is nearly complete on the Information Technology Assessment which reviewed the types of technology used in all departments. It also captured the data and information flow between City departments and divisions. The assessment will provide valuable information in planning Citywide technology strategies and purchases for increased efficiency in data communication. Updating the Financial Information Services will serve our current and future needs for comprehensive finance software.

Five-Year Capital Improvement Program Project Summary (cont.)

Public Safety Equipment and Facilities

- Quint Fire Apparatus

Fire engines will be purchased according the Fire Apparatus Replacement Schedule. This will ensure a coordinated replacement cycle when engines reach their aging capacity.

Parks and Recreation

- City-Wide Trails
- Brushy Creek East Gap Trail
- Old Settlers Sports Complex
- West Side Recreation Center
- Old Settlers Park Practice Fields

The development of City Wide Trails is to encourage walking and biking in the community and to support local and regional transportation systems. Several trail projects have been completed.

In the City's commitment to the development of Old Settler's Park, there is a continuation of building out the park to provide more diversified programs and recreational facilities. The park has seen the installation of a new playground, new ball field lights, ball fields, parking lots and soccer fields. With the focus on the City of Round Rock as the "Sports Capital of Texas" many of the projects have expanded the ability to offer abundant and attractive sports facilities. The Old Settler's Sports Complex is nearly complete and includes 25 state of the art ballfield complexes. The complex also contains a new Tennis Pro Shop, practice fields and restrooms.

A West Side Recreation Center is scheduled to meet the overwhelming response in memberships the City has received since opening our first recreation center in July 2000. This will allow for growing memberships along with new and current programs.

Sidewalks, Landscapes and Traffic Signals

- Downtown Parking and Intermodal Transit Facility

Downtown Parking and Transit Facility is designed to meet the needs of the downtown area with parking facilities, traffic control, and pedestrian paths, as well as provide increased safety at busy intersections. An underground parking garage has been completed and is located under the Baca Senior and Activity Center.

Five-Year Capital Improvement Program Project Summary (cont.)**Streets, Drainage and Storm Water Control**

- Meister Lane Improvements
- Street Seal Coat Program
- Pavement Management Software
- Policy Center Street Improvements
- Creekbend Boulevard
- Chisholm Trail Reconstruction
- Chisholm Parkway Extension
- Sam Bass Road
- Little Oaks Subdivision
- Ledbetter Street
- Messick Loop-Hanlac Trail Channel Improvements
- Eggers Acres-Dennis Drive Improvements
- Storm Water Master Plan Assessment

These projects will cover a myriad of infrastructure needs such as repair, relocation, replacement and reconstruction of major and local roadways. These projects will include the accompanying drainage and underground utilities. This will greatly improve and enhance the mobility of citizens and decrease congestion. New and improved streets will provide better road safety and access to key areas.

The Street Seal Coat Program is an annual preventative maintenance program designed to systematically seal coat city streets. Areas of the city are designated each year depending on the existing age of the seal coat. The pavement management system will track the condition of the City's streets. The system will produce detailed and accurate reports of the streets to use in conjunction with annual seal coating and other repairs.

Stormwater channels require "wet" maintenance and are often overgrown with weeds, erosion and silting. Channel improvements will correct these safety concerns and eliminate higher maintenance costs.

Five-Year Capital Improvement Program Project Summary (cont.)

Transportation

In 1997 the citizens of Round Rock voted to authorize an additional one half cent sales tax for the specific purpose to build roads and major arterials. The Transportation component of the Capital Improvement Program covers those projects funded through this additional sales tax.

Transportation Projects

- Arterial A
- County Road 113-Kippen Road-Old Settlers Blvd.
- FM 1460-North Grimes Blvd.
- RM 620
- Traffic Signals
- US Highway 79-from FM1460 to CR195
- Transportation Consulting
- IH-35 Area Improvements
- Hester's Crossing Bridge Replacement
- Wyoming Springs Drive
- Red Bud Lane Phase Four
- Arterial M-North Mays Extension
- US 79 at North Mays
- Arterial M-5
- Arterial M-4
- Cypress Cove Extension
- South Mays at Gattis School Rd.
- Arterial L-2
- Arterial M-3
- FM 3406
- AW Grimes Blvd. South
- Southwest Downtown Main St. Project #1
- Southwest Downtown Main St. Project #2,3&7
- Southwest Downtown Main St. Project #4&5
- Arterial C

Transportation projects are new road and road betterments as planned through the City's Comprehensive Transportation Master Plan. This Master Plan has elements to provide an adequate future transportation system, identify environmentally sensitive areas, and develop roadway design standards. Transportation is an important concern of the citizens and the administration of Round Rock. The projects listed above have been approved and are on the City's Transportation Capital Improvement Program. The TCIP is a short term view of the City's needs for transportation. Some of the projects above are approved for design costs only as the City continues to monitor the priorities of a growing City and its transportation needs.

Five-Year Capital Improvement Program Project Summary (cont.)**Water and Wastewater Utility**

The final component of the City of Round Rock's Capital Improvement Program is the Water and Wastewater Utility. This includes projects in the categories of major water and wastewater lines, processing facilities, water transmissions, water storage, and water operations. This includes major repairs, replacements and new development. Funding for water and wastewater projects is derived from the sale of water and wastewater services, utility impact fees and the issuance of revenue bonds.

Water Utility

- Ground Water Filtration
- Manville/CR 122 Water Improvements
- RM 1431 2MG Elevated Tank
- CR 112 24" Waterline
- Asbestos Pipe Replacement Program
- 2010 Water Treatment Plant Rehabilitation
- 1.5MG Clearwell at Water Treatment Plant
- West Side Recreation Center Offsite Utilities
- Round Rock Ranch/High Country Waterline Replacement
- Annexation Utility Improvements-Various Locations
- 2010 PRV Installation
- Regional Water Transmission Line-Segment 3
- FM 1460 Waterline

Water system lines, storage improvements and system improvements are ongoing capital repairs or betterments. These projects improve, strengthen or increase the City's water utility system to provide the level of service required by our citizens and businesses. Expanding water services is necessary to accommodate the City's current and future growth. Major renovations and repairs keep the water system running efficiently and effectively. With completion of the pump upgrades and a larger raw water transmission line from Lake Georgetown, the water treatment plant is being re-rated from its original capacity of 48 million gallons per day (MGD) to 52 MGD. The plant is currently rehabilitating components within to ensure it continues to perform at top efficiency and capacity. A new 1.5 MG clearwell is being constructed at the plant site to maximize the storage of treated water to be readily available during higher demand periods.

Five-Year Capital Improvement Program Project Summary (cont.)

Reuse Water Utility

- Brushy Creek Regional Wastewater Plant Reuse Water Treatment Facilities
- Old Settlers Park 24" Reuse Water Transmission Line

Recycling the treated wastewater is an environmentally friendly, economical and safe solution for large irrigation. The City is in the planning and design phase of constructing facilities at the wastewater treatment plant to treat and pump ultimately up to 10 MGD of reuse water to various areas of the City. The first phase is to irrigate Old Settlers Park with reuse water to alleviate the City's demand on potable water for irrigation. The City received a grant from the Bureau of Reclamation to help with costs of building the facilities and transmission lines.

Regional Water

- Lake Travis Regional Water Supply

The City of Round Rock completed a study in September 2005 that evaluated alternatives for use of the water rights in Lake Travis owned by the City. The study concluded that a joint project with Cedar Park would offer economic benefits to both cities. The City of Leander is also participating in this regional system to obtain additional capacity. The regional system will ultimately provide 105.8 MGD of treated water capacity, with Cedar Park receiving 15 MGD, Round Rock receiving 40.8 MGD and Leander receiving 50 MGD. Phase I of the project is scheduled for completion in the summer of 2012. It will consist of a regional water treatment plant, new raw water intake structure and pipelines, and new treated water transmission lines that will service the three cities. The system will be owned and operated by the Brushy Creek Regional Utility Authority (BCRUA), a local government corporation, which was created by the three participating cities.

Wastewater Utility

- Wastewater Basin Inspection and Rehabilitations
- McNutt Creek Wastewater Improvements
- West Side Recreation Center Offsite Utilities
- Forest Creek Wastewater Study
- Brushy Creek Wastewater Improvements
- Lake Creek Wastewater Improvements
- Annexation Utility Improvements-Various Locations

Wastewater system line improvements are line extensions to serve a growing customer base, ongoing capital repairs or betterments. Completed repairs and renovations provide significant treatment cost reductions in the future by preventing ground water from seeping into collector lines.

Regional Wastewater

The Brushy Creek Regional Wastewater Plant recently completed an expansion that gave the City of Round Rock 17.1 MGD capacity at the plant.

Capital Improvement Program Project Cost Summary

The following table summarizes the project cost of the City of Round Rock Capital Improvement Program. Included in the total project cost, is the City of Round Rock's funded amount and all other outside funding. The annual operating costs are the anticipated operating costs expected in the first fiscal year of a new program associated with the completion of a capital project.

Project/Program Title	Total Project Cost	Annual Operating Costs
General		
Public Service Facilities		
Business Center Complex	\$6,000,000	
City Hall Policy Center	7,845,000	\$60,000
SW Downtown Area Infrastructure	7,003,532	15,000
Vehicle Maintenance Expansion	287,000	
Downtown Redevelopment Plan	500,000	
City Gateway Entrances	250,000	
Library Radio Frequency ID System	191,000	
Citywide Strategic Plan Phase Two	52,000	
Public Works Master Plan	50,000	
Information Technology		
Fiber Optic Networking	432,355	
Information Technology Assessment	194,940	
Financial Information Services	538,658	
Public Safety Equipment And Facilities		
Quint Fire Apparatus and Equipment	785,135	
Parks And Recreation		
City Trail Systems-A	495,000	20,760
Brushy Creek East Gap Trail	2,959,500	
Old Settlers Sports Complex	18,200,000	
West Side Recreation Center	8,043,500	1,200,000
Old Settlers Park Practice Fields	331,000	

Capital Projects Funds Expenditures

CIP Project Cost Summary

Capital Improvement Program Project Cost Summary (cont.)

Project/Program Title	Total Project Cost	Annual Operating Costs
General (cont.)		
Sidewalks, Landscapes and Traffic Signals		
Downtown Parking and Intermodal Transit Facility	4,000,000	30,000
Streets, Drainage and Storm Water Control		
Meister Lane Improvements	1,790,506	
Storm Water Master Plan Assessment	200,000	
Pavement Management Software	254,000	
Policy Center Street Improvements	989,486	
Little Oaks Subdivision	1,000,000	
2008 Seal Coat Program	3,197,060	
Creekbend Boulevard	6,675,000	
Chisholm Trail Reconstruction	6,160,000	
Chisholm Parkway Extension	1,300,000	
Sam Bass Road	3,820,000	
Eggers Acres-Dennis Drive Improvements	1,570,000	
Ledbetter Street	280,000	
Messick Loop-Hanlac Trail Channel Improvements	640,000	
General Projects Total	\$86,034,672	

Capital Improvement Program Project Cost Summary (cont.)

Project/Program Title	Total Project Cost	Annual Operating Costs
Transportation		
Arterial A	\$21,818,000	
CR 113-Kiphen Rd.-Old Settlers Blvd.	15,246,561	
FM 1460-North Grimes	16,762,384	
RM 620	11,000,000	
Traffic Signals	4,650,000	
US 79-from FM1460 to CR195	12,662,745	
Transportation Consulting	906,351	
IH35 Area Improvements	14,311,856	
Hester's Crossing Bridge Replacement	17,880,000	
Wyoming Springs Drive	8,016,552	
Arterial M-No. Mays Extension	3,550,000	
Red Bud Lane Phase Four	2,750,000	
US79 at North Mays	120,000	
Arterial M-5	711,000	
Arterial M-4	772,500	
Cypress Cove Extension	235,000	
South Mays at Gattis School Rd.	535,000	
Arterial L-2	776,000	
Arterial M-3	1,289,000	
FM 3406	910,000	
AW Grimes Blvd. South	350,000	
Southwest Downtown Main St. Project #1	1,200,000	
Southwest Downtown Main St. Project #2,3, & 7	4,410,000	
Southwest Downtown Main St. Project # 4 & 5	964,000	
Arterial C	486,000	
Transportation Projects Total	\$142,312,949	

Capital Projects Funds Expenditures

CIP Project Cost Summary

Capital Improvement Program Project Cost Summary (cont.)

Project/Program Title	Total Project Cost	Annual Operating Costs
Water/Wastewater Utility		
Water Utility		
Groundwater Filtration*	\$6,000,000	
Manville/CR 122 Water Improvements	100,000	
RM1431 2MG Elevated Tank	4,685,000	
CR112 24" Waterline	1,500,000	
Greenslopes Asbestos Pipe Replacement	810,200	
2010 Water Treatment Plant Rehabilitation	2,800,000	
1.5MG Clearwell at Water Treatment Plant	2,780,000	
West Side Recreation Center Offsite Utilities*	255,000	
Round Rock Ranch/High Country Waterline Replacement	456,066	
FM 1460 Waterline*	650,000	
Saddlebrook, Greenslopes, Pecan Hill Annexation Utility Improvements*	429,558	
Rocking J Annexation Utility Improvements*	94,000	
Sunrise Road (Glen Tract) Annexation Utility Improvements*	500,000	
2010 PRV Installation*	500,000	
2009 Asbestos Pipe Replacement*	900,000	
2010 Asbestos Pipe Replacement*	1,000,000	
Regional Water Transmission Line-Segment 3*	12,400,000	
Regional Water Supply and Treatment System	67,500,000	

Capital Improvement Program Project Cost Summary (cont.)

Project/Program Title	Total Project Cost	Annual Operating Costs
Water/Wastewater Utility		
Wastewater Utility		
Forest Creek Wastewater Study	100,000	
Basin Inspections and Repairs FY06-07	2,232,450	
Basin Inspections and Repairs FY07-08	2,360,015	
Basin Inspections and Repairs FY2010*	2,681,946	
West Side Recreation Center Offsite Utilities*	555,000	
McNutt Creek Segment C10 Wastewater Interceptor*	1,401,472	
Brushy Creek 3 Wastewater Improvements*	98,901	
Lake Creek 2 Wastewater Improvements*	3,538,062	
Lake Creek 3 Wastewater Improvements*	580,228	
Rocking J Annexation Utility Improvements*	93,000	
Harrell Parkway Annexation Utility Improvements*	98,000	
Water Re-Use		
Brushy Creek Regional Wastewater Plant Reuse Water Treatment Facilities	3,295,000	
Old Settlers Park 24" Reuse Water Transmission Line	2,027,000	
Utility Projects Total	\$122,420,898	

*These utility projects are in the planning phase for future construction.

Capital Projects Funds Expenditures

CIP Funding Summary

Capital Improvement Program Funding Summary

As described within the three components of the City of Round Rock's Capital Improvements Projects there are specified funding sources. These are the City's identified funding sources for the Capital Improvement Program.

General Government Funding Sources

2001- \$89,800,000 Authorized General Obligation Bonds

2002 General Obligation Bonds-First Issue	\$35,000,000
2004 General Obligation Bonds-Second Issue	\$20,000,000
2008 General Obligation Bonds-Third Issue	\$34,800,000
General Obligation Bond Interest	\$520,994

General Self Financed Construction	\$20,297,154
2007 Certificates of Obligation	\$14,500,000

Transportation Funding Sources

Transportation Construction Fund

2001 Sales Tax Revenue Bonds	\$25,890,000
State Infrastructure Bank Loans	\$50,058,410
Transportation Sales Tax *	\$118,100,661

Water and Wastewater Utility Funding Sources

Utility Construction Funding **	\$118,656,340
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*1/2 cent sales tax, future borrowings and participation funding.

** Funding for Utility construction projects include cash transfers from Water and Wastewater Services, (pay as you go financing), Impact Fees, where applicable and the future issuance of revenue bonds.

Capital Improvement Program Project Funding Detail

The following tables identify the funding source name, type and a list of capital projects that utilize that source. Some projects will appear in more than one table as the project has multiple funding sources.

General Government Funding Sources**2001 Authorized General Obligation Bonds**

Project/Program Title	Total Project Cost	First Issue Funding 2002	Second Issue Funding 2004	Third Issue Funding	GO Bond Interest
Public Service Facilities					
Business Center Complex (1)	\$6,000,000			\$4,000,000	
City Hall Policy Center	7,845,000		\$200,000	7,645,000	
SW Downtown Area Infrastructure (2)	7,003,532	\$3,501,718	1,480,820		\$520,994
Parks and Recreation					
City Trail Systems-A	495,000			495,000	
West Side Recreation Center (3)	8,043,500	10,000	200,000	6,790,000	
Brushy Creek East Gap Trail (4)	2,959,500			190,000	
Sidewalks, Landscapes and Traffic Signals					
Downtown Parking and Intermodal Transit Facility	4,000,000	2,031,500	1,491,300	477,200	

Capital Projects Funds Expenditures

CIP Project Funding Detail

Capital Improvement Program Project Funding Detail (cont.)

2001 Authorized General Obligation Bonds (continued)

Project/Program Title	Total Project Cost	First Issue Funding 2002	Second Issue Funding 2004	Third Issue Funding	GO Bond Interest
Streets, Drainage and Storm Water Control					
Creekbend Boulevard (5)	6,675,000	1,228,000	500,000	3,447,000	
Policy Center Street Improvements	989,486		989,486		
Chisholm Trail Reconstruction	6,160,000	1,530,000	2,000,000	2,630,000	
Chisholm Parkway Extension	1,300,000	450,000	500,000	350,000	
Sam Bass Road	3,820,000	1,035,000	1,960,000	825,000	
Eggers Acres-Dennis Drive Improvements	1,570,000		423,000	1,147,000	
Ledbetter Street	280,000			280,000	
Messick Loop-Hanlac Trail					
Channel Improvements	640,000			640,000	
Completed Projects Costs through 09-30-09		24,882,282	10,045,194	5,525,499	
Issuance Costs		331,500	210,200	358,301	
Total General Obligation Bonds and Interest		\$35,000,000	\$20,000,000	\$34,800,000	\$520,994

- (1) Business Center Complex has funding in General Self Finance Construction Fund.
- (2) Southwest Downtown Infrastructure has funding in General Self Finance Construction Fund.
- (3) Westside Recreation Center has funding in General Self Finance Construction Fund.
- (4) Brushy Creek East Gap Trail is additionally funded by a grant from Texas Department of Transportation and cost participation from Williamson County.
- (5) Creekbend Boulevard has received \$1,500,000 in funding from Texas Department of Transportation.

Capital Improvement Program Project Funding Detail (cont.)**General Self Financed Construction**

Project/Program Title	Total Project Cost	General Self Financed Funding
Public Service Facilities		
Business Center Complex (1)	\$6,000,000	\$2,000,000
Southwest Downtown Infrastructure (2)	7,003,532	1,500,000
Vehicle Maintenance Expansion	287,000	287,000
Downtown Redevelopment Plan	500,000	500,000
City Gateway Entrances	250,000	250,000
Library Radio Frequency ID System	191,000	191,000
Citywide Strategic Plan Phase Two	52,000	52,000
Public Works Master Plan	50,000	50,000
Information Technology		
Fiber Optic Networking	432,355	432,355
Information Technology Assessment	194,940	194,940
Financial Information Services	538,658	538,658
Public Safety Equipment and Facilities		
Quint Fire Apparatus and Equipment	785,135	785,135
Parks and Recreation		
Old Settlers Sports Complex (3)	18,200,000	5,700,000
West Side Recreation Center (4)	8,043,500	1,043,500
Old Settlers Practice Fields	331,000	331,000
Streets, Drainage and Storm Water Control		
Meister Lane Improvements	1,790,506	1,790,506
Storm Water Master Plan Assessment	200,000	200,000
Pavement Management Software	254,000	254,000
Little Oaks Subdivision	1,000,000	1,000,000
2008 Seal Coat Program	3,197,060	3,197,060
Total General Self Financed Funding		\$20,297,154

- (1) Business Center Complex has funding in the 2001 GO's.
 (2) Southwest Downtown Infrastructure has funding in the 2001 GO's.
 (3) Old Settlers Complex has funding in the 2007 CO's.
 (4) West Side Recreation Center has funding in the 2001 GO's.

Capital Projects Funds Expenditures

CIP Project Funding Detail

Capital Improvement Program Project Funding Detail (cont.)

2007 Certificates of Obligation

Project/Program Title	Total Project	2007 Certificate of Obligation Funding
Drainage and Channel Improvements		
Old Settlers Sports Complex (1)	18,200,000	12,500,000
COMPLETED PROJECTS COSTS through 09-30-09	2,000,000	2,000,000
Total 2007 Certificates of Obligation		\$14,500,000

(1) Old Settler's Sports Complex has funding in General Self Finance Construction Fund.

Transportation

Transportation Fund

Project/Program Title	Total Project Cost	Round Rock Transportation Funding	Other Funding
Transportation			
Arterial A	\$21,818,000	\$21,818,000	
CR 113-Kiphen Rd.	15,246,561	12,898,314	\$2,348,247
FM 1460-North Grimes	16,762,384	8,562,384	8,200,000
RM 620	11,000,000	2,500,000	8,500,000
Traffic Signals	4,650,000	4,650,000	
US 79-from FM1460 to CR195	12,662,745	9,662,745	3,000,000
Transportation Consulting	906,351	906,351	
IH35 Area Improvements	14,311,866	10,269,090	4,042,776
Hester's Crossing Bridge Replacement	17,880,000	17,880,000	
Wyoming Springs Drive	8,016,552	5,016,552	3,000,000
Arterial M-No. Mays Extension	3,550,000	3,550,000	
Red Bud Lane Phase Four	2,750,000	2,750,000	
US79 at North Mays	120,000	120,000	
Arterial M-5	711,000	711,000	
Arterial M-4	772,500	772,500	
Cypress Cove Extension	235,000	235,000	
South Mays at Gattis School Rd.	535,000	535,000	
Arterial L-2	776,000	776,000	
Arterial M-3	1,289,000	1,289,000	
FM 3406	910,000	910,000	
AW Grimes Blvd. South	350,000	350,000	
Southwest Downtown Main St. Project #1	1,200,000	1,200,000	
Southwest Downtown Main St. Project #2,3&7	4,410,000	4,410,000	
Southwest Downtown Main St. Project #4&5	964,000	964,000	
Arterial C	486,000	486,000	
Completed Projects		80,827,135	
Total Transportation Fund	\$142,312,959	\$194,049,071	\$29,091,023

Capital Improvement Program Project Funding Detail (cont.)**Water/Wastewater Utility****Utility Funding**

Project/Program Title	Total Cost	Utility Funding
Water Utility		
Groundwater Filtration	\$6,000,000	\$6,000,000
Manville/CR 122 Water Improvements	100,000	100,000
RM1431 2MG Elevated Tank	4,685,000	4,685,000
CR112 24" Waterline	1,500,000	1,500,000
Greenslopes Asbestos Pipe Replacement	810,200	810,200
2010 Water Treatment Plant Rehabilitation	2,800,000	2,800,000
1.5MG Clearwell at Water Treatment Plant	2,780,000	2,780,000
West Side Recreation Center Offsite Utilities	255,000	255,000
Round Rock Ranch/High Country Waterline Replacement	456,066	456,066
2010 PRV Installation	500,000	500,000
Regional Water Transmission Line-Segment 3	12,400,000	12,400,000
Regional Water Supply and Treatment System	67,500,000	67,500,000

Capital Projects Funds Expenditures

CIP Project Funding Detail

Capital Improvement Program Project Funding Detail (cont.)

Water/Wastewater Utility

Utility Funding (cont.)

Project/Program Title	Total Cost	Utility Funding
Wastewater Utility		
Forest Creek Wastewater Study	100,000	100,000
Basin Inspections and Repairs FY06-07	2,232,450	2,232,450
Basin Inspections and Repairs FY07-08	2,360,015	2,360,015
Basin Inspections and Repairs FY2010	2,681,946	2,681,946
West Side Recreation Center Offsite Utilities	555,000	555,000
McNutt Creek Segment C10 Wastewater Interceptor	1,401,472	1,401,472
Brushy Creek 3 Wastewater Improvements	98,901	98,901
Lake Creek 2 Wastewater Improvements	3,538,062	3,538,062
Lake Creek 3 Wastewater Improvements	580,228	580,228
Water Re-Use		
Brushy Creek Regional Wastewater Plant Reuse Water Treatment Facilities	3,295,000	3,295,000
Old Settlers Park 24" Reuse Water Transmission Line	2,027,000	2,027,000
Total Utility Fund	\$118,656,340	\$118,656,340

Capital Improvement Program Project Proposed Expenditures**General Government Projects**

Project	Estimated Total Project Cost	Expenditures Through 9/30/09	2009-10 Proposed Expenditures	2010-11 Proposed Expenditures
Public Service Facilities				
Business Center Complex	\$6,000,000	\$3,760,575	\$2,239,425	\$0
City Hall Policy Center	7,845,000	474,457	6,370,543	1,000,000
SW Downtown Area Infrastructure	7,003,532	5,823,532	1,180,000	0
Vehicle Maintenance Expansion	287,000	287,000	0	0
Downtown Redevelopment Plan	500,000	500,000	0	0
City Gateway Entrances	250,000	57,810	192,190	0
Library Radio Frequency ID System	191,000	25,000	166,000	0
Citywide Strategic Plan Phase Two	52,000	52,000	-	0
Public Works Master Plan	50,000	25,000	25,000	0
Information Technology				
Fiber Optic Networking	432,355	432,355	0	0
Information Technology Assessment	194,940	194,940	0	0
Financial Information Services	538,658	38,288	500,370	
Public Safety Equipment and Facilities				
Quint Fire Apparatus and Equipment	785,135	785,135	0	0

Capital Projects Funds Expenditures

CIP Project Proposed Expenditures

Capital Improvement Program Project Proposed Expenditures (cont.)

General Government Projects

Project	Estimated Total Project Cost	Expenditures Through 9/30/09	2009-10 Proposed Expenditures	2010-11 Proposed Expenditures
Parks and Recreation				
City Trail Systems-A	495,000	448,220	46,780	
Brushy Creek East Gap Trail	2,959,500	591,250	1,222,139	1,146,111
Old Settlers Sports Complex	18,200,000	18,200,000	0	0
West Side Recreation Center	8,043,500	628,595	6,414,905	1,000,000
Old Settlers Park Practice Fields	331,000	271,000	60,000	0

Sidewalks, Landscapes and Traffic Signals

Downtown Parking and Intermodal Transit Facility	4,000,000	2,122,000	1,000,000	878,000
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Capital Improvement Program Project Proposed Expenditures (cont.)**General Government Projects**

Project	Project Cost	Expenditures Estimated Total 9/30/09	2009-10 Through Expenditures	2010-11 Proposed Expenditures
Streets, Drainage and Storm Water Control				
Meister Lane Improvements	1,790,506	511,008	1,279,498	0
Storm Water Master Plan Assessment	200,000	66,600	133,400	0
Pavement Management Software	254,000	75,000	179,000	0
Policy Center Street Improvements	989,486	0	989,486	0
Little Oaks Subdivision	1,000,000	200,000	800,000	0
2008 Seal Coat Program	3,197,060	0	3,197,060	0
Creekbend Boulevard	6,675,000	1,232,483	2,773,275	2,669,242
Chisholm Trail Reconstruction	6,160,000	1,160,000	2,500,000	2,500,000
Chisholm Parkway Extension	1,300,000	300,000	1,000,000	0
Sam Bass Road	3,820,000	1,395,309	1,424,691	1,000,000
Eggers Acres-Dennis Drive Improvements	1,570,000	452,535	1,117,465	0
Ledbetter Street	280,000	145,793	134,207	0
Messick Loop-Hanlac Trail Channel Improvements	640,000	0	640,000	0
General Government Projects Total	\$86,034,672	\$40,255,885	\$35,585,434	\$10,193,353

Capital Projects Funds Expenditures

CIP Project Proposed Expenditures

Capital Improvement Program Project Proposed Expenditures (cont.)

General Government Projects (cont.)

Project	Estimated Total Project Cost	Expenditures Through 9/30/09	2009-10 Proposed Expenditures	2010-11 Proposed Expenditures
Transportation				
Arterial A	\$21,818,000	\$4,218,777	\$12,416,658	\$5,182,566
CR 113-Kiphen Rd.-Old Settlers Blvd.**	15,246,561	14,987,037		
FM 1460-North Grimes**	16,762,384	4,038,912	4,523,469	
RM 620**	11,000,000	0	0	2,500,000
Traffic Signals	4,650,000	3,148,818	1,501,182	0
US 79-from FM1460 to CR195**	12,662,745	9,662,745	0	0
Transportation Consulting	906,351	551,800	354,551	0
IH35 Area Improvements**	14,311,856	10,269,090	0	0
Hester's Crossing Bridge Replacement	17,880,000	17,880,000	0	0
Wyoming Springs Drive	8,016,552	4,461,302	3,555,250	0
Arterial M-No. Mays Extension	3,550,000	2,049,108	1,500,892	0
Red Bud Lane Phase Four	2,750,000	89,841	1,423,281	1,236,879
US79 at North Mays	120,000	120,000	0	0
Arterial M-5	711,000	491,000	100,000	120,000
Arterial M-4	772,500	587,450	185,050	0
Cypress Cove Extension	235,000	235,000	0	0
South Mays at Gattis School Rd.	535,000	211,300	273,033	50,667
Arterial L-2	776,000	0	243,000	533,000
Arterial M-3	1,289,000	0	375,000	914,000
FM 3406	910,000	200,000	710,000	0
AW Grimes Blvd. South	350,000	120,000	230,000	0
Southwest Downtown Main St. #1	1,200,000	44,400	1,155,600	0
Southwest Downtown Main St. #2,3&7	4,410,000	137,987	4,272,013	0
Southwest Downtown Main St. #4&5	964,000	367,700	596,300	0
Arterial C	486,000	486,000	0	0
Transportation Projects Total	\$142,312,949	\$74,358,267	\$33,415,279	\$10,537,112

**Additional outside funding will be required.

Capital Improvement Program Project Proposed Expenditures**Water/Wastewater****Utility Projects**

Project	Estimated Total Project Cost	Expenditures Through 9/30/09	2009-10 Proposed Expenditures	2010-11 Proposed Expenditures
Water Utility				
Groundwater Filtration*	\$6,000,000	\$79,330	0	\$3,920,670
Manville/CR 122 Water Improvements	100,000	0	\$100,000	0
RM1431 2MG Elevated Tank	4,685,000	4,335,000	350,000	0
CR112 24" Waterline	1,500,000	357,641	1,142,359	0
Greenslopes Asbestos Pipe Replacement	810,200	160,180	650,020	0
2010 Water Treatment Plant Rehabilitation	2,800,000	1,175,000	1,625,000	0
1.5MG Clearwell at Water Treatment Plant	2,780,000	650,000	2,130,000	0
West Side Recreation Center Offsite Utilities	255,000	30,000	225,000	0
Round Rock Ranch/High Country Waterline Replacement	456,066	0	456,066	0
2010 PRV Installation	500,000	0	500,000	0
Regional Water Transmission Line-Segment 3*	12,400,000	0	75,000	2,400,000
Regional Water Supply and Treatment System*	67,500,000	12,954,022	17,754,048	20,000,000

Capital Projects Funds Expenditures

CIP Project Proposed Expenditures

Capital Improvement Program Project Proposed Expenditures (cont.)

Water/Wastewater

Utility Projects (cont.)

Project	Estimated Total Project Cost	Expenditures Through 9/30/09	2009-10 Proposed Expenditures	2010-11 Proposed Expenditures
Water reuse				
Brushy Creek Regional Wastewater Plant Reuse Water Treatment Facilities	3,295,000	100,000	2,200,000	995,000
Old Settler's Park 24" Reuse Water Transmission Line	2,027,000	120,000	1,200,000	707,000
Wastewater Utility				
Forest Creek Wastewater Study	100,000	26,000	74,000	0
Basin Inspections and Repairs FY06-07	2,232,450	1,232,450	1,000,000	
Basin Inspections and Repairs FY07-08	2,360,015	411,175	1,948,840	0
Basin Inspections and Repairs FY2010*	2,681,946	50,000	321,273	2,310,673
West Side Recreation Center Offsite Utilities	555,000	60,000	495,000	0
McNutt Creek Segment C10 Wastewater Interceptor	1,401,472	0	750,000	651,472
Brushy Creek 3 Wastewater Improvements	98,901	0	98,901	
Lake Creek 2 Wastewater Improvements	3,538,062	0	1,325,000	2,213,062
Lake Creek 3 Wastewater Improvements	580,228	0	150,000	430,228
Utility Projects Total	\$118,656,340	\$21,740,798	\$34,570,507	\$33,628,105

* Funding beyond fiscal year 2010-2011 will be required.

Capital Improvement Program Project Proposed Expenditures Summary

Category	Estimated Total Project Cost	Expenditures Through 9/30/09	2009-10 Proposed Expenditures	2010-11 Proposed Expenditures
General Government Projects	\$86,034,672	\$40,255,885	\$35,585,434	\$10,193,353
Transportation Projects	142,312,949	74,358,267	33,415,279	10,537,112
Utility Projects	118,656,340	21,740,798	34,570,507	33,628,105
Grand Total All Capital Improvement Projects	\$347,003,961	\$136,354,950	\$103,571,220	\$54,358,570

Capital Projects Funds Expenditures

Estimated Annual Operating Cost Detail

Estimated Annual Operating Cost Detail

The annual operating costs are the anticipated operating costs expected in the first year of a new program associated with the completion of a capital project

Project/Program Title	Estimated Annual Operating Costs	Budget Category	Fiscal Year 2009-10	Fiscal Year 2010-11
GENERAL				
PUBLIC SERVICE FACILITIES				
City Hall Policy Center	\$60,000		\$0	\$0
SW Area Downtown Area Infrastructure	\$15,000		\$15,000	\$15,000
Breakdown by Budget Category				
		Personnel Costs	\$0	\$0
		Contractual Services	10,000	10,000
		Materials and Supplies	0	0
		Other Expenses	5,000	5,000
		Capital Outlay	0	0
PARKS AND RECREATION				
CityWide Trail Systems-A	\$20,760		\$20,760	\$20,760
West Side Recreation Center	1,200,000		0	1,200,000
Breakdown by Budget Category				
		Personnel Costs	\$0	\$720,000
		Contractual Services	0	275,000
		Materials and Supplies	20,760	195,760
		Other Expenses	0	30,000
		Capital Outlay	0	0

Estimated Annual Operating Cost Detail (cont.)

Project/Program Title	Estimated Annual Operating Costs	Budget Category	Fiscal Year 2009-10	Fiscal Year 2010-11
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SIDEWALKS, LANDSCAPES, AND TRAFFIC SIGNALS

Downtown Parking and Intermodal Transit Facility	\$30,000		\$30,000	\$30,000
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Breakdown by Budget Category

Personnel Costs	\$0	\$0
Contractual Services	20,000	20,000
Materials and Supplies	10,000	10,000
Other Expenses	0	0
Capital Outlay	0	0

STREETS, DRAINAGE AND STORM WATER CONTROL

Street, drainage and channel repairs and reconstruction projects will require maintenance which will be addressed by current crews and programs.

UTILITY

Water system lines, storage improvements and system improvements are ongoing capital repairs or betterments. These projects will have a small effect on the overall system operations in that they will require periodic maintenance. However, this maintenance cost is not a specific incremental cost, but is expected to be handled by existing crews and equipment. Operating and maintenance expenses will grow over time as the customer base and utility system expand.

